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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/972,301DATE: 12/28/1999
TIME: 00:28:00

INPUT SET: S34317.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Coleman, Timothy A.
6 Rosen, Craig A.
7
8 (ii) TITLE OF INVENTION: Endothelial Monocyte Activating
9 Polypeptide III
10
11 (iii) NUMBER OF SEQUENCES: 7
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Human Genome Sciences, Inc.
15 (B) STREET: 9410 Key West Avenue
16 (C) CITY: Rockville,
17 (D) STATE: MD
18 (E) COUNTRY: USA
19 (F) ZIP: 20850
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: US 08/972,301
29 (B) FILING DATE: 18-NOV-1997
30 (C) CLASSIFICATION:
31
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: US 08/483,534
34 (B) FILING DATE: 07-JUN-1995
35
36 (viii) ATTORNEY/AGENT INFORMATION:
37 (A) NAME: Marks, Michelle S.
38 (B) REGISTRATION NUMBER: 41,971
39 (C) REFERENCE/DOCKET NUMBER: PF206D1
40
41 (ix) TELECOMMUNICATION INFORMATION:
42 (A) TELEPHONE: 301-309-8504
43 (B) TELEFAX: 301-309-8439
44
45
46 (2) INFORMATION FOR SEQ ID NO:1:

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47
48 (i) SEQUENCE CHARACTERISTICS:
49 (A) LENGTH: 636 base pairs
50 (B) TYPE: nucleic acid
51 (C) STRANDEDNESS: single
52 (D) TOPOLOGY: linear
53
54 (ii) MOLECULE TYPE: DNA (genomic)
55
56
57 (ix) FEATURE:
58 (A) NAME/KEY: CDS
59 (B) LOCATION: 94..597
60
61
62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
63
64 TACCCCTGCC CTGAAAAAAC TGGCCAGCGC TGCCTACCCA GATCCCTCAA AGCAGAAGCC 60
65
66 AATGGCCAAA GGCCTGCCAA GAATTCAGAA CCA GAG GAG GTC ATC CCA TCC CGG 114
67 Glu Glu Val Ile Pro Ser Arg
68 1 5
69
70 CTG GAT ATC CGT GTG GGG AAA ATC ATC ACT GTG GAG AAG CAC CCA GAT 162
71 Leu Asp Ile Arg Val Gly Lys Ile Ile Thr Val Glu Lys His Pro Asp
72 10 15 20
73
74 GCA GAC AGC CTG TAT GTA GAG AAG ATT GAC GTG GGG GAA GCT GAA CCA 210
75 Ala Asp Ser Leu Tyr Val Glu Lys Ile Asp Val Gly Glu Ala Glu Pro
76 25 30 35
77
78 CGG ACT GTG GTG AGC GGC CTG GTA CAG TTC GTG CCC AAG GAG GAA CTG 258
79 Arg Thr Val Val Ser Gly Leu Val Gln Phe Val Pro Lys Glu Glu Leu
80 40 45 50 55
81
82 CAG GAC AGG CTG GTA GTG GTG CTG TGC AAC CTG AAA CCC CAG AAG ATG 306
83 Gln Asp Arg Leu Val Val Val Leu Cys Asn Leu Lys Pro Gln Lys Met
84 60 65 70
85
86 AGA GGA GTC GAG TCC CAA GGC ATG CTT CTG TGT GCT TCT ATA GAA GGG 354
87 Arg Gly Val Glu Ser Gln Gly Met Leu Leu Cys Ala Ser Ile Glu Gly
88 75 80 85
89
90 ATA AAC CGC CAG GTT GAA CCT CTG GAC CCT CCG GCA GGC TCT GCT CCT 402
91 Ile Asn Arg Gln Val Glu Pro Leu Asp Pro Pro Ala Gly Ser Ala Pro
92 90 95 100
93
94 GGT GAG CAC GTG TTT GTG AAG GGC TAT GAA AAG GGC CAA CCA GAT GAG 450
95 Gly Glu His Val Phe Val Lys Gly Tyr Glu Lys Gly Gln Pro Asp Glu
96 105 110 115
97
98 GAG CTC AAG CCC AAG AAG AAA GTC TTC GAG AAG TTG CAG GCT GAC TTC 498
99 Glu Leu Lys Pro Lys Lys Lys Val Phe Glu Lys Leu Gln Ala Asp Phe

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100	120	125	130	135	
101					
102	AAA ATT TCT GAG GAG TGC ATC GCA CAG TGG AAG CAA ACC AAC TTC ATG				546
103	Lys Ile Ser Glu Glu Cys Ile Ala Gln Trp Lys Gln Thr Asn Phe Met				
104		140	145	150	
105					
106	ACC AAG CTG GGC TCC ATT TCC TGT AAA TCG CTG AAA GGG GGG AAC ATT				594
107	Thr Lys Leu Gly Ser Ile Ser Cys Lys Ser Leu Lys Gly Gly Asn Ile				
108		155	160	165	
109					
110	AGC TAGCCAGCCC AGCATCTTCC CCCCTTCTTC CACCACTGA				636
111	Ser				
112					
113					
114					
115	(2) INFORMATION FOR SEQ ID NO:2:				
116					
117	(i) SEQUENCE CHARACTERISTICS:				
118	(A) LENGTH: 168 amino acids				
119	(B) TYPE: amino acid				
120	(D) TOPOLOGY: linear				
121					
122	(ii) MOLECULE TYPE: protein				
123					
124	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:				
125					
126	Glu Glu Val Ile Pro Ser Arg Leu Asp Ile Arg Val Gly Lys Ile Ile				
127	1 5 10 15				
128					
129	Thr Val Glu Lys His Pro Asp Ala Asp Ser Leu Tyr Val Glu Lys Ile				
130	20 25 30				
131					
132	Asp Val Gly Glu Ala Glu Pro Arg Thr Val Val Ser Gly Leu Val Gln				
133	35 40 45				
134					
135	Phe Val Pro Lys Glu Glu Leu Gln Asp Arg Leu Val Val Val Leu Cys				
136	50 55 60				
137					
138	Asn Leu Lys Pro Gln Lys Met Arg Gly Val Glu Ser Gln Gly Met Leu				
139	65 70 75 80				
140					
141	Leu Cys Ala Ser Ile Glu Gly Ile Asn Arg Gln Val Glu Pro Leu Asp				
142	85 90 95				
143					
144	Pro Pro Ala Gly Ser Ala Pro Gly Glu His Val Phe Val Lys Gly Tyr				
145	100 105 110				
146					
147	Glu Lys Gly Gln Pro Asp Glu Glu Leu Lys Pro Lys Lys Lys Val Phe				
148	115 120 125				
149					
150	Glu Lys Leu Gln Ala Asp Phe Lys Ile Ser Glu Glu Cys Ile Ala Gln				
151	130 135 140				
152					

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153 Trp Lys Gln Thr Asn Phe Met Thr Lys Leu Gly Ser Ile Ser Cys Lys
154 145 150 155 160

155
156 Ser Leu Lys Gly Gly Asn Ile Ser
157 165
158

159 (2) INFORMATION FOR SEQ ID NO:3:
160

161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 28 base pairs
163 (B) TYPE: nucleic acid
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear
166
167 (ii) MOLECULE TYPE: DNA (genomic)
168
169
170
171

172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
173

174 GATCGGATCC GAGGAGGTCA TCCCATCC
175

28

176 (2) INFORMATION FOR SEQ ID NO:4:
177

178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 28 base pairs
180 (B) TYPE: nucleic acid
181 (C) STRANDEDNESS: single
182 (D) TOPOLOGY: linear
183
184 (ii) MOLECULE TYPE: DNA (genomic)
185
186
187
188

189 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
190

191 GATCAAGCTT CTAGATAATG TTCCCCC
192

28

193 (2) INFORMATION FOR SEQ ID NO:5:
194

195 (i) SEQUENCE CHARACTERISTICS:
196 (A) LENGTH: 28 base pairs
197 (B) TYPE: nucleic acid
198 (C) STRANDEDNESS: single
199 (D) TOPOLOGY: linear
200
201 (ii) MOLECULE TYPE: DNA (genomic)
202
203
204
205

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206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

207

208 GATCGGATCC GAGGAGGTCA TCCCATCC

28

209

210 (2) INFORMATION FOR SEQ ID NO:6:

211

212 (i) SEQUENCE CHARACTERISTICS:

213 (A) LENGTH: 28 base pairs

214 (B) TYPE: nucleic acid

215 (C) STRANDEDNESS: single

216 (D) TOPOLOGY: linear

217

218 (ii) MOLECULE TYPE: DNA (genomic)

219

220

221

222

223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

224

225 GATCGGATCC CTAGATAATG TTCCCCC

28

226

227 (2) INFORMATION FOR SEQ ID NO:7:

228

229 (i) SEQUENCE CHARACTERISTICS:

230 (A) LENGTH: 183 amino acids

231 (B) TYPE: amino acid

232 (C) STRANDEDNESS: single

233 (D) TOPOLOGY: linear

234

235 (ii) MOLECULE TYPE: protein

236

237

238

239

240 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

241

242 Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser Ala
243 1 5 10 15

244

245 Asp Ser Lys Pro Ile Asp Val Ser Arg Leu Asp Leu Arg Ile Gly Cys
246 20 25 30

247

248 Ile Ile Thr Ala Arg Lys His Pro Asp Ala Asp Ser Leu Tyr Val Glu
249 35 40 45

250

251 Glu Val Asp Val Gly Glu Ile Ala Pro Arg Thr Val Val Ser Gly Leu
252 50 55 60

253

254 Val Asn His Val Pro Leu Glu Gln Met Gln Asn Arg Met Val Ile Leu
255 65 70 75 80

256

257 Leu Cys Asn Leu Lys Pro Ala Lys Met Arg Gly Val Lys Ser Gln Ala
258 85 90 95

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SEQUENCE VERIFICATION REPORT
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